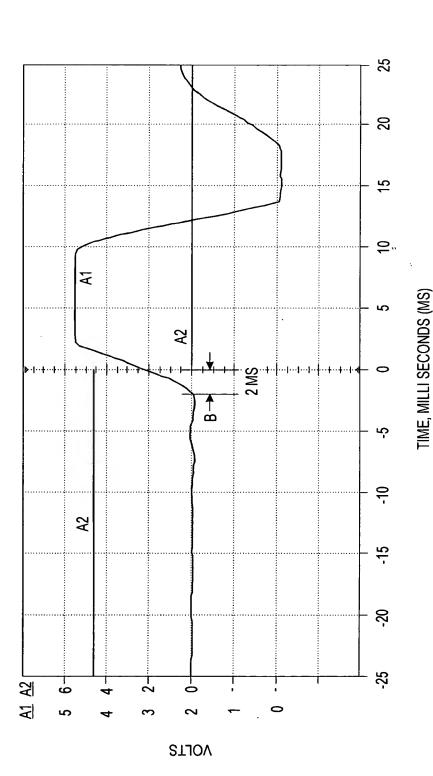
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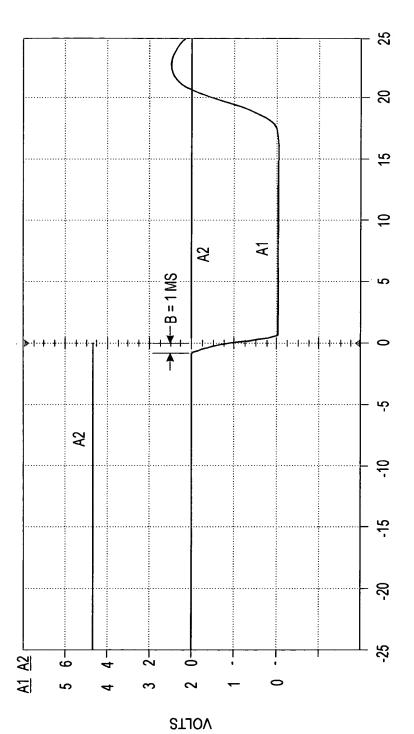




A1 - VOLTAGE PRODUCED FROM VERTICAL CONTACT BY CAPILLARY WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1 A2 - SWITCHING VOLTAGE SHOWN SCALE A2

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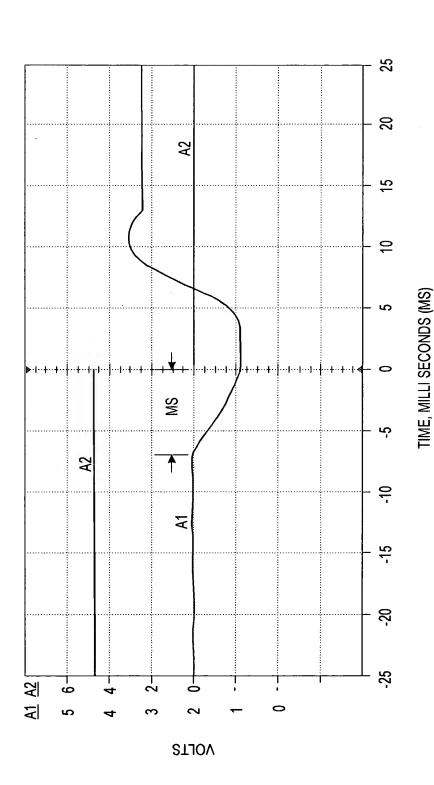
TIME, MILLI SECONDS (MS)

A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1 A2 - SWITCHING VOLTAGE SHOWN SCALE A2

DRAFTSMAN

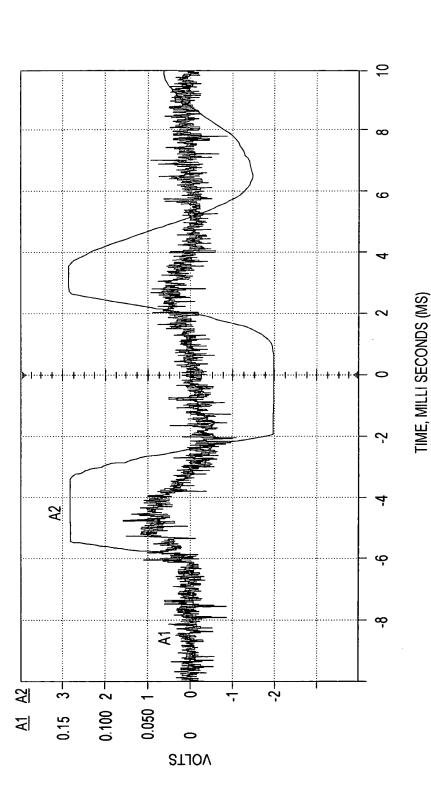
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A1 - VOLTAGE PRODUCED FROM HORIZONTAL CONTACT BY CAPILLARY WITH A SOLID SURFACE AMPLIFIED TO VALUE SHOWN IN SCALE A1 A2 - SWITCHING VOLTAGE SHOWN SCALE A2





A1 - UNDAMPED VOLTAGE PRODUCED BY CAPILLARY
A2 - AMPLIFIED VOLTAGE PRODUCED BY CAPILLARY
CONTACTING A SOLID SURFACE

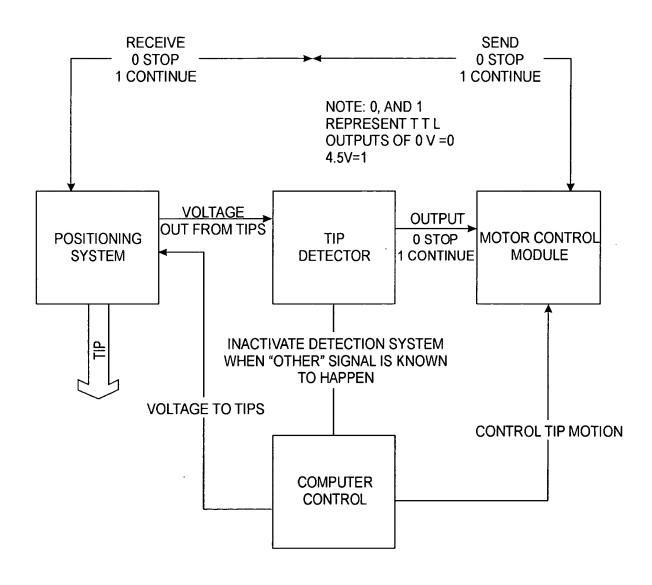


FIG. 5